

FIG. 1

Blade starts moving down at a speed set according to
desired cut quality. Blade begins vibrating after it
passes the bottom of the paper feeder, C

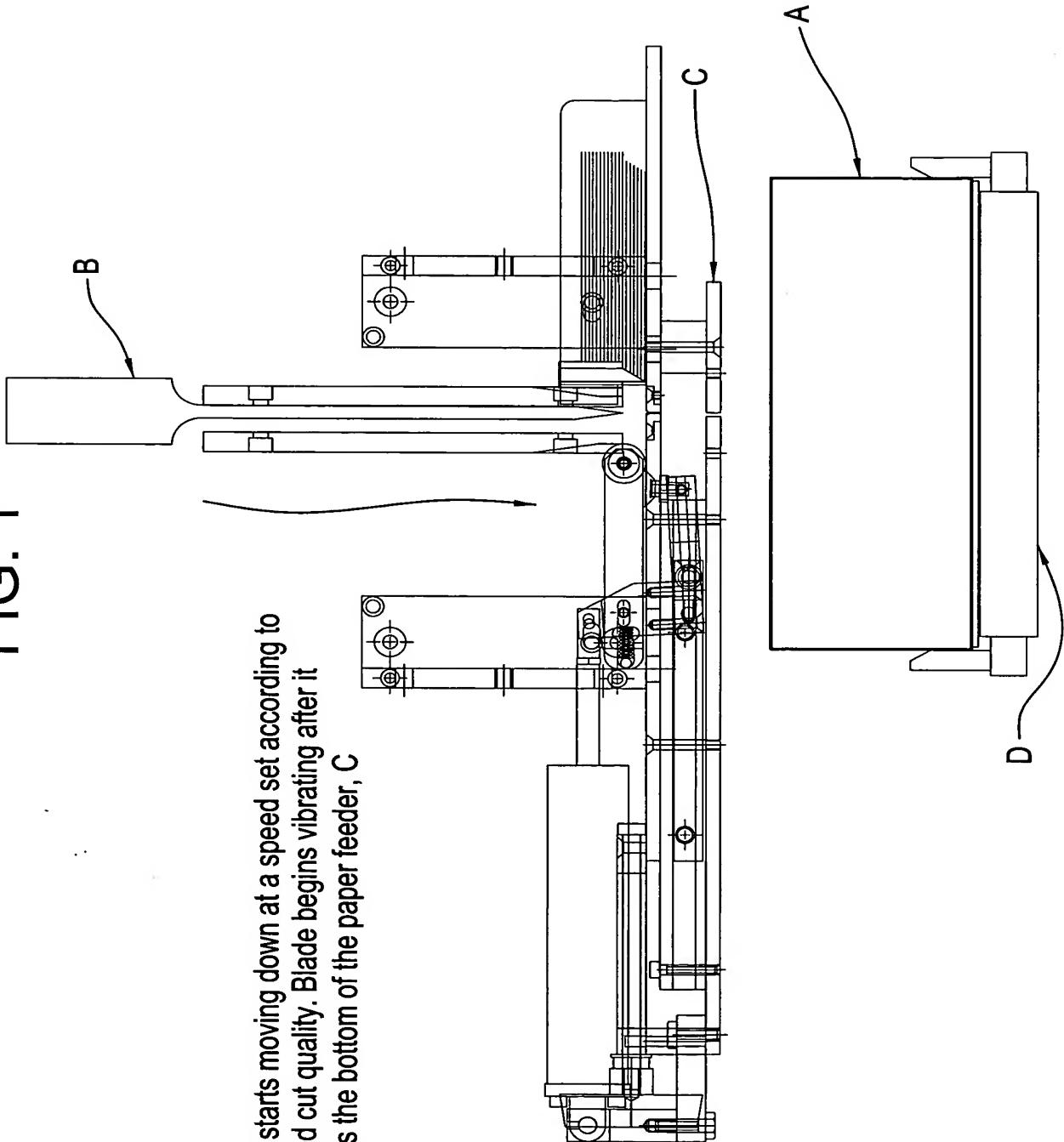
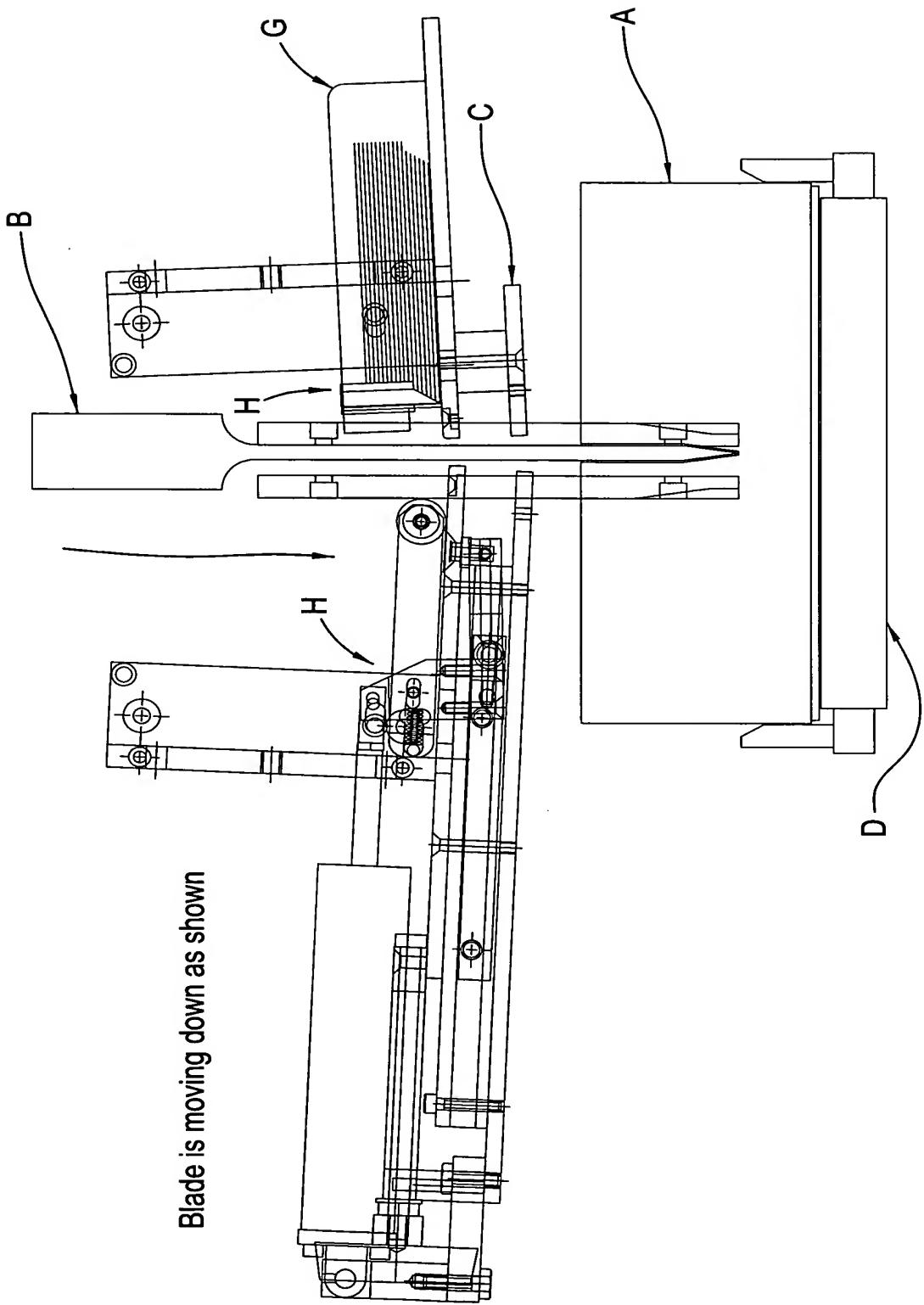
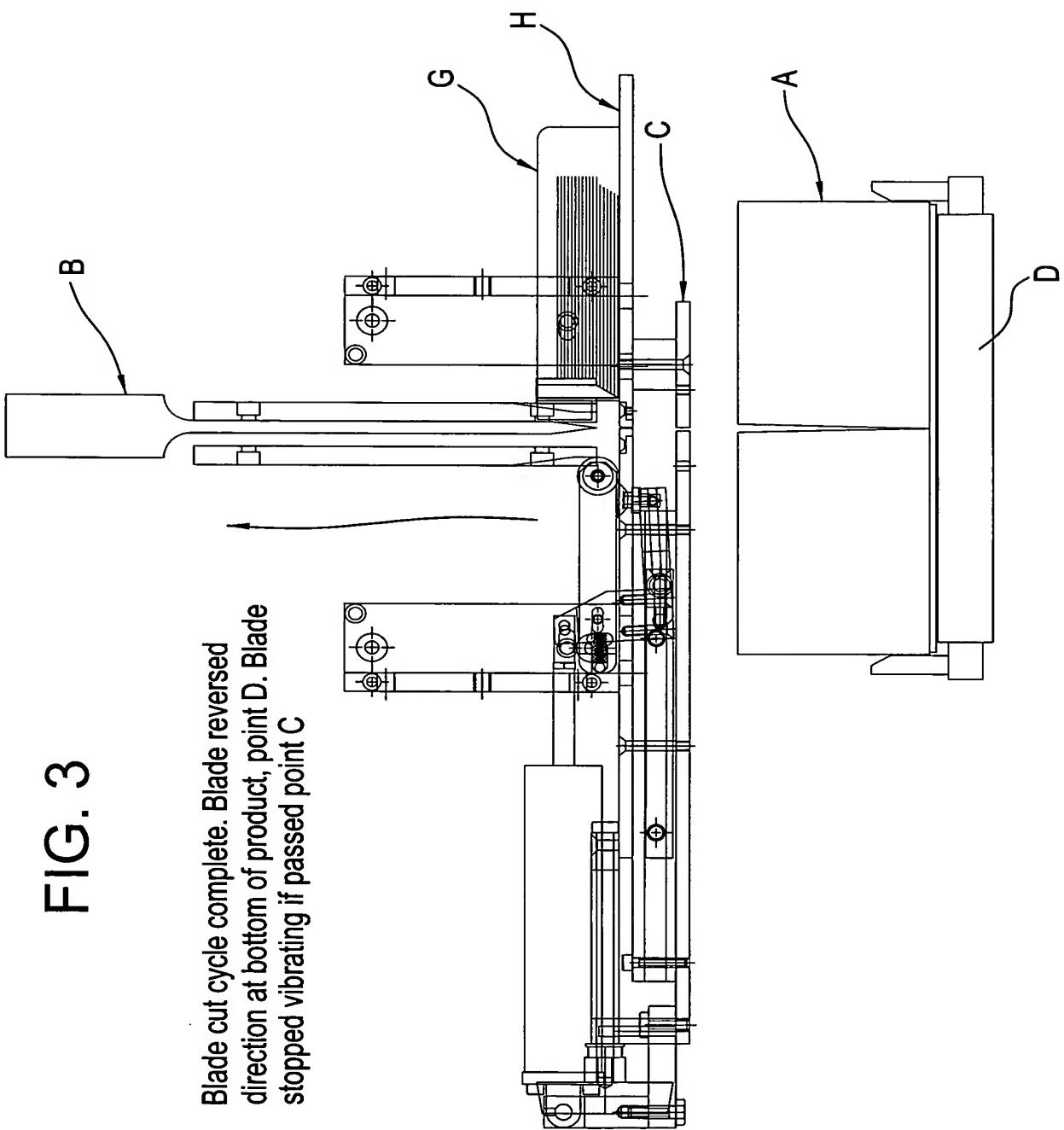
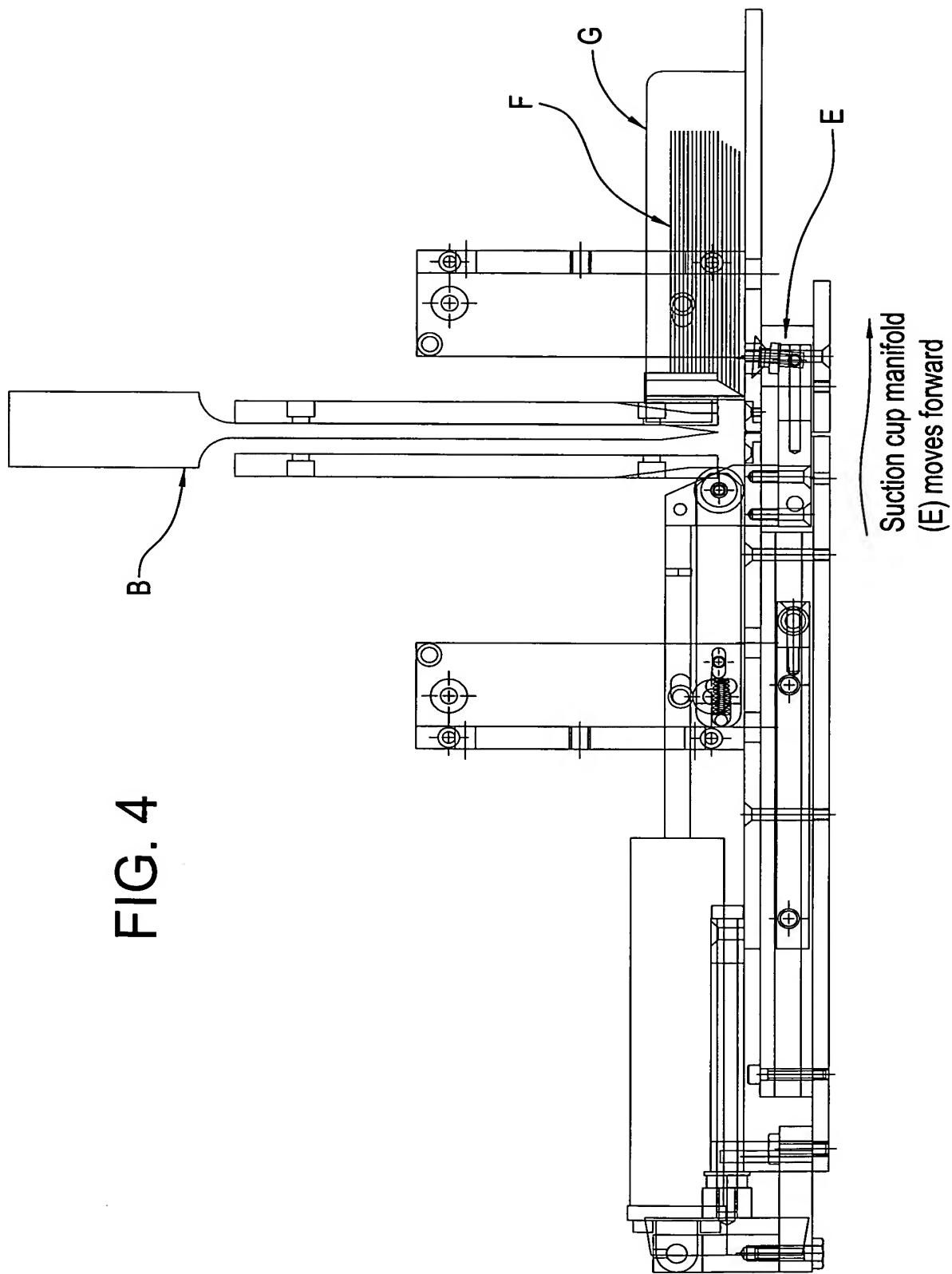


FIG. 2







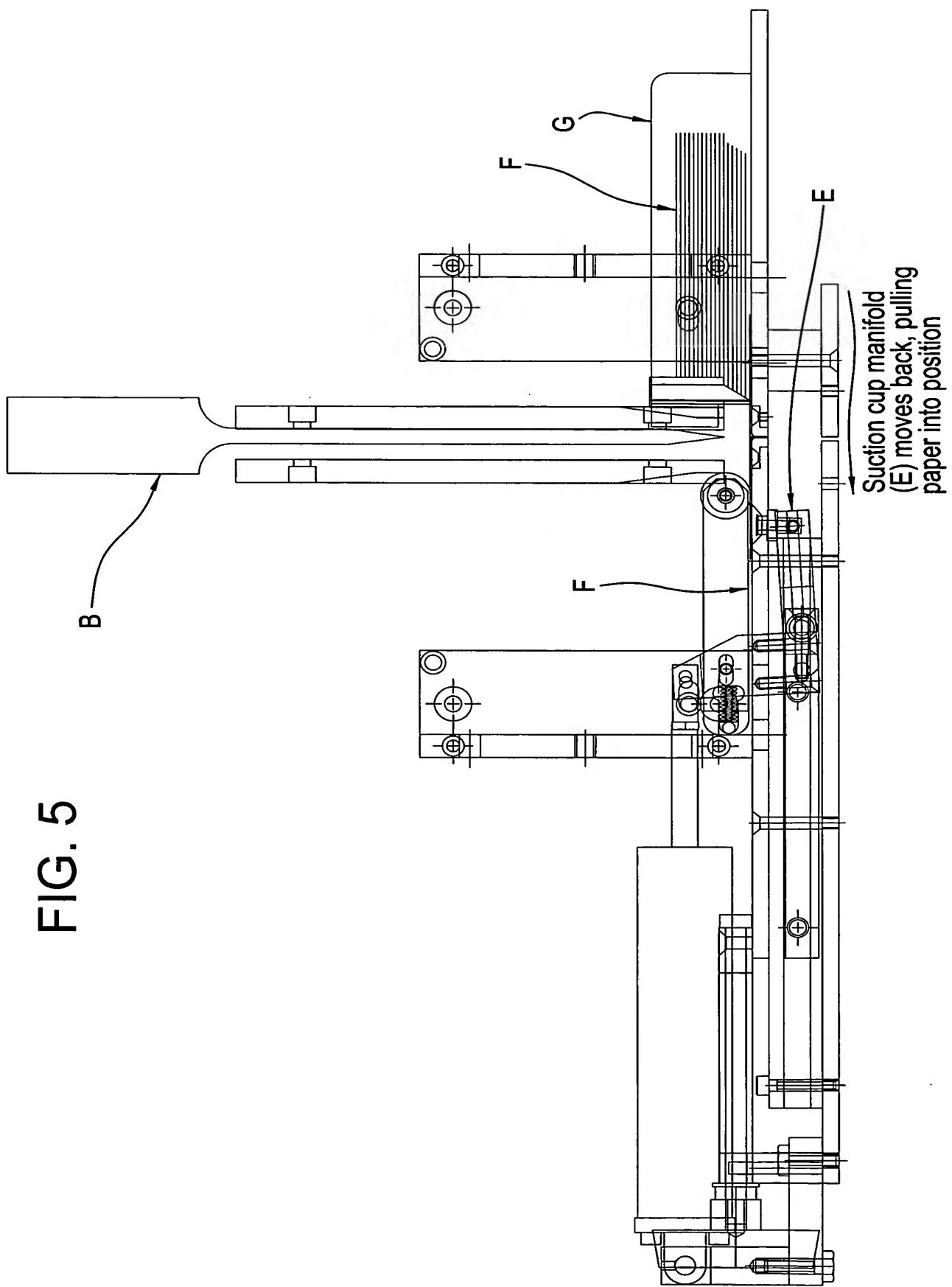


FIG. 6

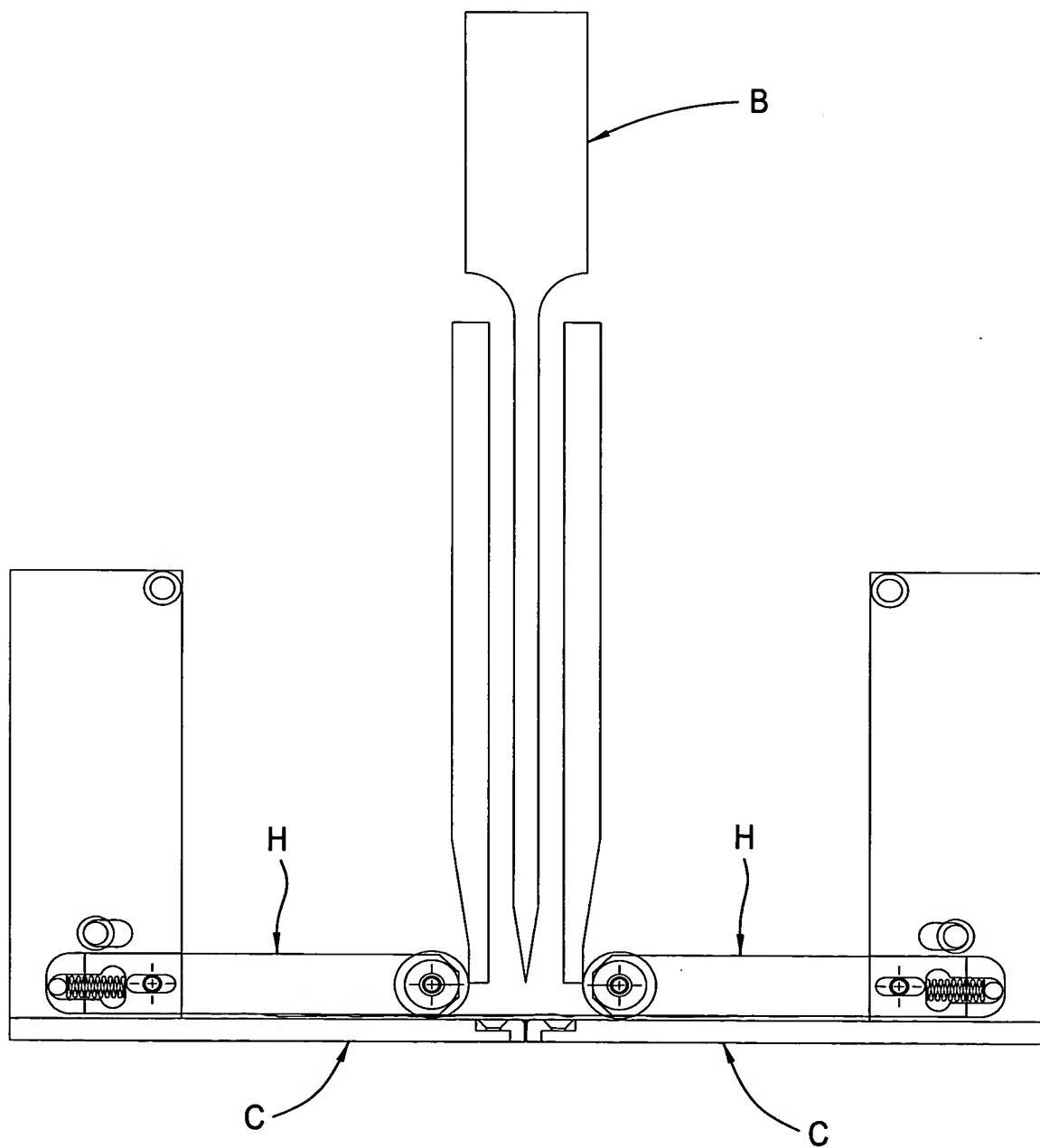


FIG. 7

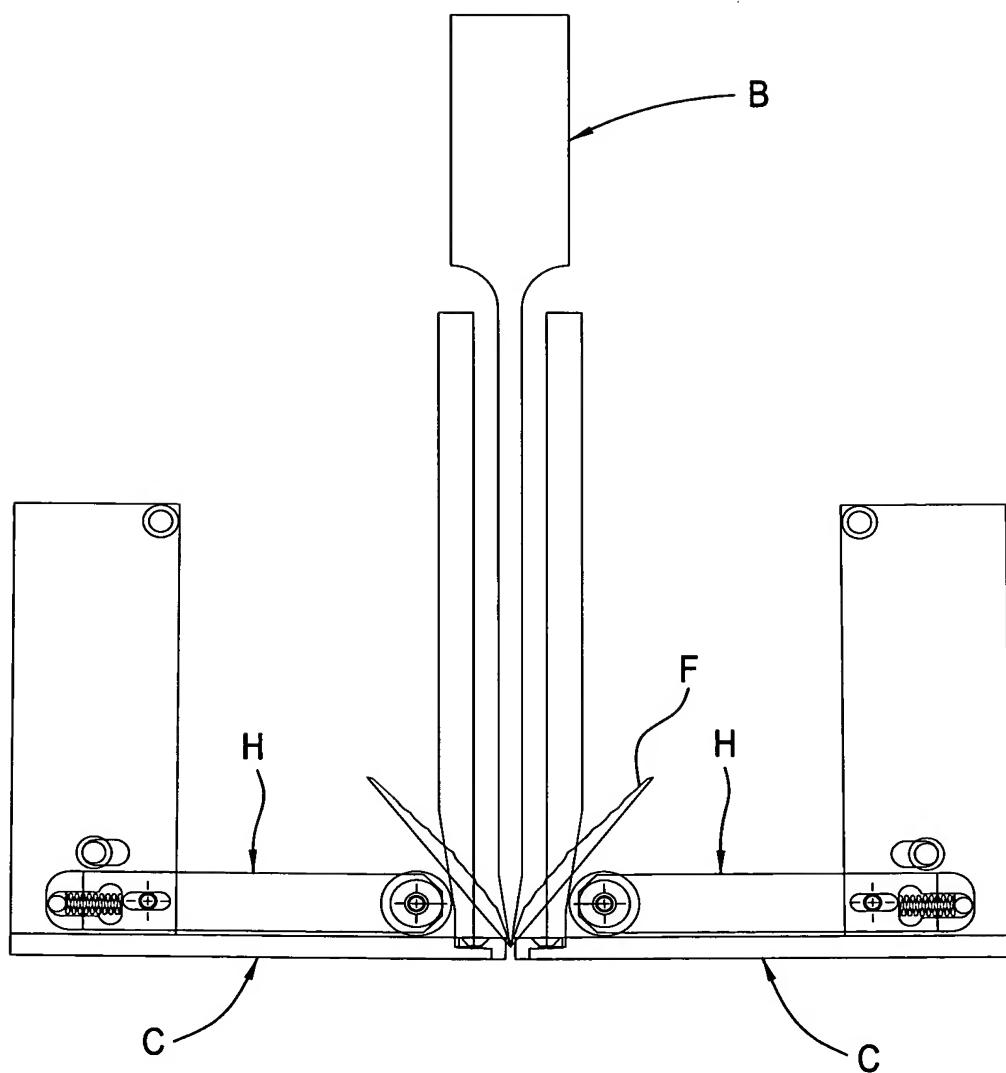
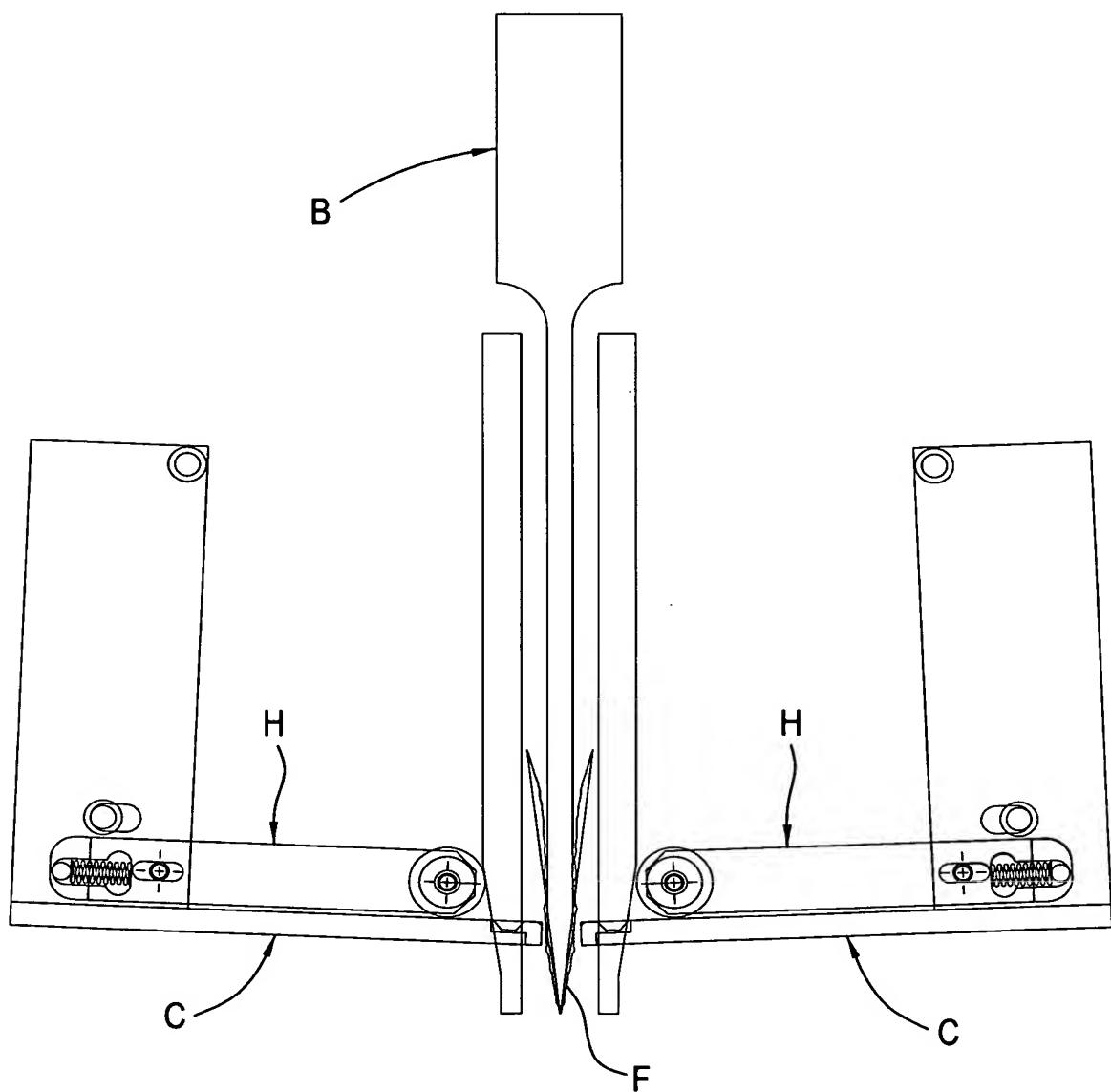
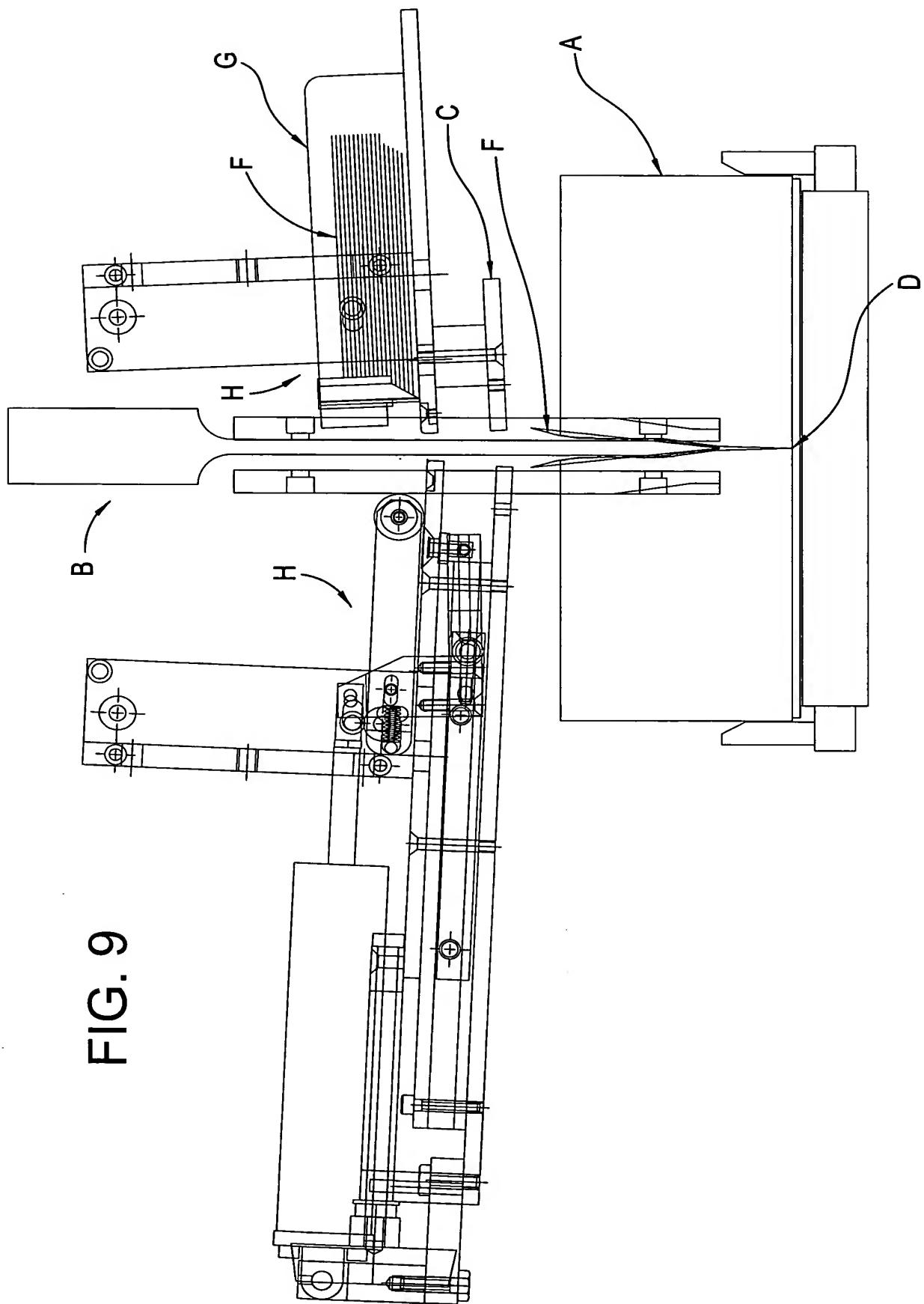
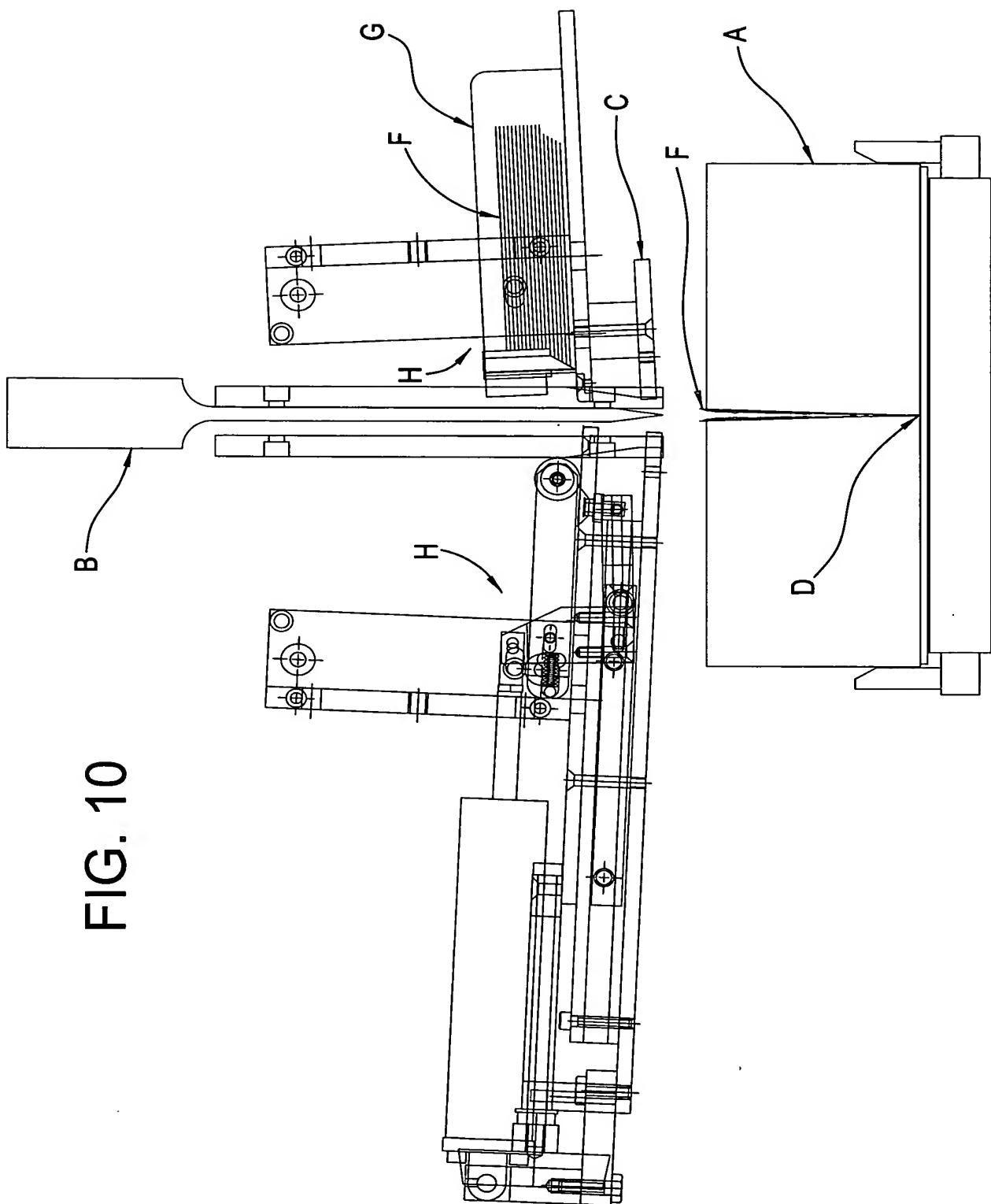


FIG. 8







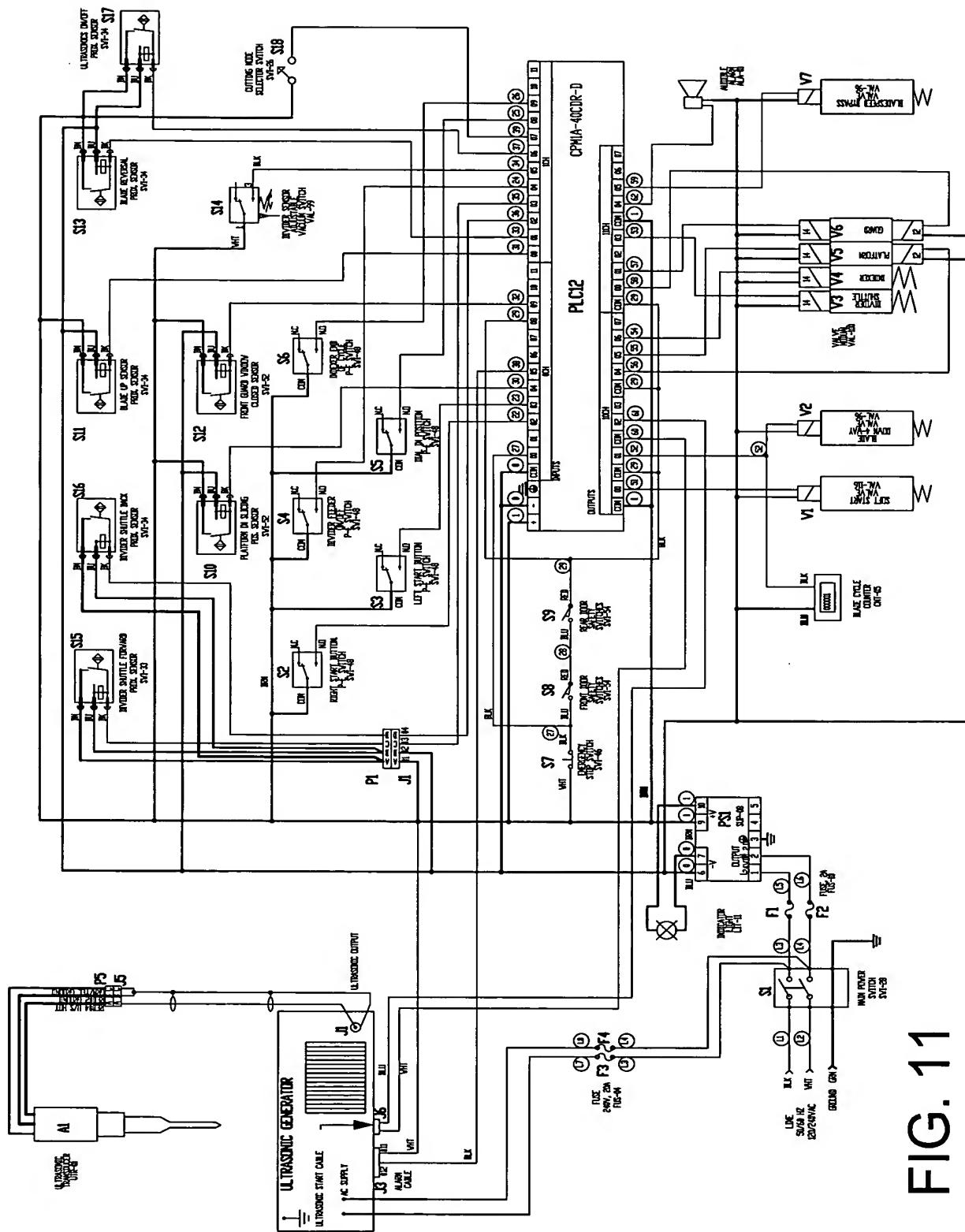


FIG. 11

FIG. 12

CS-1000UPF I/O LIST

INPUTS:

0CH

- 00 EMERGENCY STOP
- 01 SPARE
- 02 RIGHT START BUTTON P/E SWITCH
- 03 LEFT START BUTTON P/E SWITCH
- 04 PLATFORM IN SLICING POSITION SENSOR
- 05 ULTRASONIC ALARM
- 06 SPARE
- 07 SPARE
- 08 DOOR SAFETY SWITCHES
- 09 FRONT GUARD WINDOW CLOSED SENSOR
- 10 SPARE
- 11 SPARE

1CH

- 00 BLADE UP SENSOR
- 01 BLADE REVERSAL SENSOR
- 02 DIVIDER SHUTTLE IN BACK POSITION SENSOR
- 03 DIVIDER SHUTTLE IN FORWARD POSITION SENSOR
- 04 DIVIDER FEEDER ON/OFF P/E SWITCH
- 05 DIVIDER VACUUM ADJUSTABLE SENSOR SWITCH
- 06 ULTRASONIC ON/OFF LIMIT SENSOR
- 07 CUTTING MODE SELECTOR SWITCH
- 08 DIAL IN POSITION P/E SWITCH
- 09 INDEXER END OF CYCLE P/E SWITCH
- 10 SPARE
- 11 SPARE

OUTPUTS:

10CH

- 00 SOFT START VALVE
- 01 BLADE DOWN 4-WAY
- 02 ULTRASONIC START CABLE
- 03 DO NOT USE
- 04 PLATFORM 4-WAY VALVE, OUT
- 05 PLATFORM 4-WAY VALVE, IN
- 06 INDEXER 4-WAY, RESET
- 07 SPARE

11CH

- 00 GUARD WINDOW 4-WAY VALVE, UP
- 01 GUARD WINDOW 4-WAY VALVE, DOWN
- 02 SPARE
- 03 DIVIDER SHUTTLE 4-WAY VALVE, FORWARD
- 04 AUDIBLE ALARM
- 05 BLADE SPEED CONTROL BYPASS VALVE
- 06 SPARE
- 07 SPARE

FIG. 13

